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PROVISIONAL SPECIFICATION.

Improvements in or connected with Receptacles for Mustard, Icing Sugar, and other Substances in a Fluid Condition.

I, SAMUEL EDGAR SAUNDERS, of The White House, East Cowes, Isle of Wight, Engineer, do hereby declare the nature of this invention to be as follows:

My invention relates to apparatus especially intended for delivering fluid mustard in small quantities so as to avoid waste, and to prevent deterioration of the unused portion owing to contact with the air, but the invention is also applicable for delivering other fluid substances, such, for instance, as icing sugar paste.

Apparatus constructed in accordance with my invention comprises a reservoir, a nozzle or spout through which the contents of the reservoir are discharged, a valve for controlling the discharge through such nozzle or spout, and means whereby pressure will be constantly applied to the contents of the reservoir in such a manner that when the valve is opened, a portion of the contents will be forced out by the pressure.

The pressure may be applied by means of a spiral or other spring acting against a movable piston in the reservoir, or means may be provided for introducing sufficient compressed air or gas into the reservoir, either to act upon the piston, or to act directly against the substance to be discharged.

The valve which I make use of is advantageously of the piston or sliding type, which, after it has been opened and is again allowed to close, will cut off the flow of the substance. This valve is operated through the medium of a spring lever or other device which can be moved, say by the thumb of the hand in which the apparatus is held.

Dated the 12th day of December, 1910.

G. F. REDFERN & Co.,

15, South Street, Finsbury, E.C., and

10, Gray's Inn Place, W.C.,

Agents for the Applicant.

COMPLETE SPECIFICATION.

Improvements in or connected with Receptacles for Mustard, Icing Sugar, and other Substances in a Fluid Condition.

I, SAMUEL EDGAR SAUNDERS, of The White House, East Cowes, Isle of Wight, Engineer, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

My invention relates to apparatus especially intended for delivering fluid mustard in small quantities so as to avoid waste, and to prevent deterioration of the unused portion owing to contact with the air, but the invention is also

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Impts. in or connected with Receptacles for Mustard, &c., in a Fluid Condition.

applicable for delivering other fluid substances, such, for instance, as icing sugar paste.

Apparatus constructed in accordance with my invention comprises a reservoir, a nozzle or spout through which the contents of the reservoir are discharged, a valve for controlling the discharge through such nozzle or spout, and means whereby pressure will be constantly applied to the contents of the reservoir in such a manner that when the valve is opened, a portion of the contents will be forced out by the pressure.

To enable my invention to be fully understood, I will describe the same by reference to the accompanying drawing, in which:—

Figure 1 is a longitudinal section of my improved receptacle, and

Figure 2 is a plan thereof.

a is the reservoir and *b* the spout through which the contents of the reservoir are discharged; *c* is a piston sliding in the said reservoir and acted upon by a spring *d* for forcing the contents of the reservoir through the spout, the end *e* of the reservoir being in the form of a cap which is screwed on to the reservoir, and the removal of which serves for filling the reservoir and also for introducing the piston and spring. Instead of using a spring, however, means may be provided for introducing compressed air into the reservoir either to act upon the piston or directly against the substance to be discharged.

f is the valve for controlling the discharge, the said valve, as shewn, being in the form of a pin or plunger sliding in an aperture forming the mouth of the nozzle of the spout *b* and being acted upon by a lever *g* provided with a finger-piece *h*, the pulling down of which serves to move the plunger to uncover the passage through the nozzle. *i* is a spring which returns the valve to its normal position when the lever is released. It is to be understood, however, that any other form of valve may be made use of.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. A receptacle for mustard or other substance in a fluid condition, comprising a reservoir for containing the substance, a nozzle through which the substance is discharged, means for ejecting the substance through the nozzle, and a valve for controlling the flow, substantially as described.

2. A receptacle for mustard and other substances in a fluid condition, constructed substantially in the manner hereinbefore described and illustrated in the accompanying drawing.

Dated the 12th day of July, 1911.

G. F. REDFERN & Co.,
15, South Street, Finsbury, E.C., and
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Agents for the Applicant.

Reference has been directed in pursuance of Section 7 Sub-section 4, of the Patents and Designs Act, 1907, to Specification No. 9554 of 1890.

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[This Drawing is a reproduction of the Original on a reduced scale.]

Fig. 1.

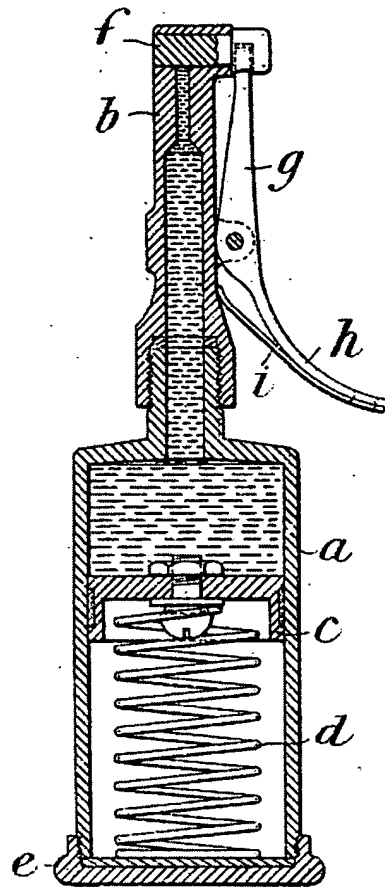
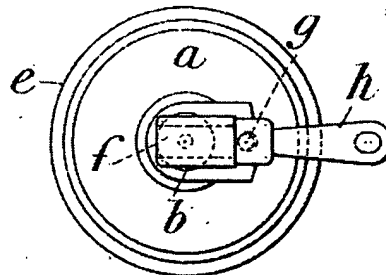


Fig. 2.



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